	Main Bars (#12@130 c/c)	1	12	439	439	2.40	1054.71	0.88781	936.38
	12# @120 c/c main bars	1	12	47	47	1.20	56.20	0.88781	49.90
	12# @120 c/c Distrubution bars	1	12	11	11	5.50	60.50	0.88781	53.71
	Srinivaspura Church Road Cross Road-2								
	12# @120 c/c main bars	1	12	51	51	1.80	91.80	0.88781	81.50
	12# @120 c/c Distrubution bars	1	12	16	16	6.00	96.00	0.88781	85.23
	Cross Roads-3								
	12# @120 c/c main bars	1	12	45	45	1.20	54.20	0.88781	48.12
	12# @120 c/c Distrubution bars	1	12	11	11	5.30	58.30	0.88781	51.76
	Srinivaspura Sai baba Temple Main Road-2								
	12# @120 c/c main bars	1	12	54	54	1.80	96.30	0.88781	85.50
	12# @120 c/c Distrubution bars	1	12	16	16	6.30	100.80	0.88781	89.49
	Srinivaspura Sai baba Temple Main Road-3								
	12# @120 c/c main bars	1	12	49	49	1.80	88.80	0.88781	78.84
	12# @120 c/c Distrubution bars	1	12	16	16	5.80	92.80	0.88781	82.39
								TOTAL QTY IN KG'S	**8611.38**
								TOTAL QTY IN TONNE	**8.61**

20/12/19

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26
Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to roads and drains at Srinivaspura village in Ward No.05.

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.09	:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
Measurements Taken On									
	Srinivaspura Chruch Road 2nd Cross-1								
	LHS								
	Main Bars (#12@130 c/c)	1	12	439	439	2.40	1054.71	0.88781	936.38
	Distribution(13-#8	1	8	13	13	57.00	741.00	0.39458	292.39
	RHS								
	Main Bars (#12@130 c/c)	1	12	439	439	2.40	1054.71	0.88781	936.38
	Distribution(13-#8	1	8	13	13	57.00	741.00	0.39458	292.39
	2nd Cross-2								
	LHS								
	Main Bars (#12@140 c/c)	1	12	405	405	2.40	970.97	0.88781	862.04
	Distribution(13-#8	1	8	13	13	56.50	734.50	0.39458	289.82
	RHS								
	Main Bars (#12@140 c/c)	1	12	405	405	2.40	970.97	0.88781	862.04
	Distribution(13-#8	1	8	13	13	56.50	734.50	0.39458	289.82
	2nd Cross-3								
	LHS								
	Main Bars (#12@140 c/c)	1	12	387	387	2.50	968.57	0.88781	859.91
	Distribution(13-#8	1	8	13	13	54.10	703.30	0.39458	277.51
	RHS								
	Main Bars (#12@140 c/c)	1	12	387	387	2.50	968.57	0.88781	859.91
	Distribution(13-#8	1	8	13	13	54.10	703.30	0.39458	277.51
	2nd Cross								
	Main Bars (#12@140 c/c)	1	12	296	296	2.50	740.00	0.88781	656.98
	Distribution(13-#8	1	8	13	13	41.30	536.90	0.39458	211.85
	For Culvert Slab								
	Srinivaspura Church Road Cross Road-1								

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

29-05-

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.16		Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack cost with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		For Asphat road							
		Srinivaspaura Temple Road Main Road-1							
0	15		Cum	1	15.00	3.30	0.05	2.48	
15	30		Cum	1	15.00	3.30	0.05	2.48	
30	45		Cum	1	15.00	3.70	0.05	2.78	
45	60		Cum	1	15.00	3.60	0.05	2.70	
60	75		Cum	1	15.00	3.40	0.05	2.55	
75	90		Cum	1	15.00	3.90	0.05	2.93	
90	105		Cum	1	15.00	3.70	0.05	2.78	
105	120		Cum	1	15.00	3.30	0.05	2.48	
120	135		Cum	1	15.00	4.00	0.05	3.00	
135	150		Cum	1	15.00	4.00	0.05	3.00	
150	165		Cum	1	15.00	4.20	0.05	3.15	
165	180		Cum	1	15.00	3.60	0.05	2.70	
180	195		Cum	1	15.00	3.80	0.05	2.85	
195	210		Cum	1	15.00	3.50	0.05	2.63	
210	225		Cum	1	15.00	3.50	0.05	2.63	
225	240		Cum	1	15.00	3.60	0.05	2.70	
240	255		Cum	1	15.00	3.90	0.05	2.93	
255	264.9		Cum	1	9.90	4.15	0.05	2.05	
		Road-1							
0	15		Cum	1	15.00	2.20	0.05	1.65	
15	30		Cum	1	15.00	2.60	0.05	1.95	
30	45		Cum	1	15.00	2.20	0.05	1.65	
45	54.1		Cum	1	9.10	2.00	0.05	0.91	
		Road-2							
0	15		Cum	1	15.00	2.00	0.05	1.50	
15	30		Cum	1	15.00	2.10	0.05	1.58	
30	45		Cum	1	15.00	2.20	0.05	1.65	
45	59.5		Cum	1	14.50	2.30	0.05	1.67	
		Road-3							
0	15		Cum	1	15.00	2.00	0.05	1.50	
15	30		Cum	1	15.00	1.90	0.05	1.43	
30	45		Cum	1	15.00	1.70	0.05	1.28	
45	54.5		Cum	1	9.50	1.90	0.05	0.90	
							TOTAL	**66.43**	

6/1/2020

Assistant Executive Engineer, R.R. Nagar, Sub division, KRIDL, BCMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.15		providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		Srinivaspaura Temple Road Main Road-1							
0	15		Sqm	1	15.00	3.30		49.50	
15	30		Sqm	1	15.00	3.30		49.50	
30	45		Sqm	1	15.00	3.70		55.50	
45	60		Sqm	1	15.00	3.60		54.00	
60	75		Sqm	1	15.00	3.40		51.00	
75	90		Sqm	1	15.00	3.90		58.50	
90	105		Sqm	1	15.00	3.70		55.50	
105	120		Sqm	1	15.00	3.30		49.50	
120	135		Sqm	1	15.00	4.00		60.00	
135	150		Sqm	1	15.00	4.00		60.00	
150	165		Sqm	1	15.00	4.20		63.00	
165	180		Sqm	1	15.00	3.60		54.00	
180	195		Sqm	1	15.00	3.80		57.00	
195	210		Sqm	1	15.00	3.50		52.50	
210	225		Sqm	1	15.00	3.50		52.50	
225	240		Sqm	1	15.00	3.60		54.00	
240	255		Sqm	1	15.00	3.90		58.50	
255	264.9		Sqm	1	9.90	4.15		41.08	
		Road-1							
0	15		Sqm	1	15.00	2.20		33.00	
15	30		Sqm	1	15.00	2.60		39.00	
30	45		Sqm	1	15.00	2.20		33.00	
45	54.1		Sqm	1	9.10	2.00		18.20	
		Road-2							
0	15		Sqm	1	15.00	2.00		30.00	
15	30		Sqm	1	15.00	2.10		31.50	
30	45		Sqm	1	15.00	2.20		33.00	
45	59.5		Sqm	1	14.50	2.30		33.35	
		Road-3							
0	15		Sqm	1	15.00	2.00		30.00	
15	30		Sqm	1	15.00	1.90		28.50	
30	45		Sqm	1	15.00	1.70		25.50	
45	54.5		Sqm	1	9.50	1.90		18.05	
							TOTAL	**1328.69**	

6/1/2020

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RADHAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24
Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.14		Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		Srinivaspaura Temple Road Main Road-1							
0	15		Cum	1	15.00	6.25	0.23	21.56	
15	30		Cum	1	15.00	6.10	0.23	21.05	
30	45		Cum	1	15.00	6.30	0.23	21.74	
45	60		Cum	1	15.00	6.35	0.23	21.91	
60	75		Cum	1	15.00	6.40	0.23	22.08	
75	90		Cum	1	15.00	6.50	0.23	22.43	
90	105		Cum	1	15.00	6.20	0.23	21.39	
105	120		Cum	1	15.00	6.35	0.23	21.91	
120	135		Cum	1	15.00	6.45	0.23	22.25	
135	150		Cum	1	15.00	6.10	0.23	21.05	
150	165		Cum	1	15.00	6.30	0.23	21.74	
165	180		Cum	1	15.00	6.40	0.23	22.08	
180	195		Cum	1	15.00	6.35	0.23	21.91	
195	210		Cum	1	15.00	6.45	0.23	22.25	
210	225		Cum	1	15.00	6.10	0.23	21.05	
225	240		Cum	1	15.00	6.30	0.23	21.74	
240	255		Cum	1	15.00	6.40	0.23	22.08	
255	264.9		Cum	1	9.90	6.20	0.23	14.12	
		Road-1							
0	15		Cum	1	15.00	4.90	0.23	16.91	
15	30		Cum	1	15.00	4.75	0.23	16.39	
30	45		Cum	1	15.00	4.80	0.23	16.56	
45	54.1		Cum	1	9.10	4.65	0.23	9.73	
		Road-2							
0	15		Cum	1	15.00	4.15	0.23	14.32	
15	30		Cum	1	15.00	4.20	0.23	14.49	
30	45		Cum	1	15.00	4.15	0.23	14.32	
45	59.5		Cum	1	14.50	4.00	0.23	13.34	
		Road-3							
0	15		Cum	1	15.00	3.30	0.23	11.39	
15	30		Cum	1	15.00	3.35	0.23	11.56	
30	45		Cum	1	15.00	3.00	0.23	10.35	
45	54.5		Cum	1	9.50	3.25	0.23	7.10	

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE								
NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05								
PREMEASUREMENT SHEET								
FIRST AND FINAL BILL								
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.9		:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		for Drain 65 kg	Tonne		From calculation sheet			7.90495	
		for Culvert 65kg	Tonne		From calculation sheet			0.706434	
							Total	8.61	

20/12/19

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		For Culverts							
		Srinivaspura Church Road Cross Road-1	Cum	2	5.50	0.50	0.15	0.83	
		Srinivaspura Church Road Cross Road-2	Cum	2	6.00	0.50	0.15	0.90	
		Cross Roads-3	Cum	2	5.30	0.50	0.15	0.80	
		Srinivaspura Sai baba Temple Main Road-2	Cum	2	6.30	0.50	0.15	0.95	
		Srinivaspura Sai baba Temple Main Road-3	Cum	2	5.80	0.50	0.15	0.87	
		For Culverts Vent							
		Srinivaspura Church Road Cross Road-1	Cum	1	5.50	0.50	0.15	0.41	
		Srinivaspura Church Road Cross Road-2	Cum	1	6.00	0.90	0.15	0.81	
		Cross Roads-3	Cum	1	5.30	0.50	0.15	0.40	
		Srinivaspura Sai baba Temple Main Road-2	Cum	1	6.30	0.90	0.15	0.85	
		Srinivaspura Sai baba Temple Main Road-3	Cum	1	5.80	0.90	0.15	0.78	
		For Culverts Raamp							
		Srinivaspura Church Road Cross Road-1	Cum	2	5.50	0.60	0.20	1.32	
		Srinivaspura Church Road Cross Road-2	Cum	2	6.00	0.60	0.20	1.44	
		Cross Roads-3	Cum	2	5.30	0.60	0.20	1.27	
		Srinivaspura Sai baba Temple Main Road-2	Cum	2	6.30	0.60	0.20	1.51	
		Srinivaspura Sai baba Temple Main Road-3	Cum	2	5.80	0.60	0.20	1.39	
							TOTAL	**39.98**	

13/12/19

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.6		Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		For RCC Drain							
		Srinivaspura Chruch Road 2nd Cross-1							
		LHS							
0	15		Cum	1	15.00	0.60	0.10	0.90	
15	30		Cum	1	15.00	0.60	0.10	0.90	
30	45		Cum	1	15.00	0.60	0.10	0.90	
45	57		Cum	1	12.00	0.60	0.10	0.72	
		RHS							
0	15		Cum	1	15.00	0.60	0.10	0.90	
15	30		Cum	1	15.00	0.60	0.10	0.90	
30	45		Cum	1	15.00	0.60	0.10	0.90	
45	57		Cum	1	12.00	0.60	0.10	0.72	
		2nd Cross-2							
		LHS							
0	15		Cum	1	15.00	0.60	0.10	0.90	
15	30		Cum	1	15.00	0.60	0.10	0.90	
30	45		Cum	1	15.00	0.60	0.10	0.90	
45	56.5		Cum	1	11.50	0.60	0.10	0.69	
		RHS							
0	15		Cum	1	15.00	0.60	0.10	0.90	
15	30		Cum	1	15.00	0.60	0.10	0.90	
30	45		Cum	1	15.00	0.60	0.10	0.90	
45	56.5		Cum	1	11.50	0.60	0.10	0.69	
		2nd Cross-3							
		LHS							
0	15		Cum	1	15.00	0.60	0.10	0.90	
15	30		Cum	1	15.00	0.60	0.10	0.90	
30	45		Cum	1	15.00	0.60	0.10	0.90	
45	54.1		Cum	1	9.10	0.60	0.10	0.55	
		RHS							
0	15		Cum	1	15.00	0.60	0.15	1.35	
15	30		Cum	1	15.00	0.60	0.15	1.35	
30	45		Cum	1	15.00	0.60	0.15	1.35	
45	54.1		Cum	1	9.10	0.60	0.15	0.82	
		2nd Cross							
0	15		Cum	1	15.00	0.60	0.15	1.35	
15	30		Cum	1	15.00	0.60	0.15	1.35	
30	41.3		Cum	1	11.30	0.60	0.15	1.02	

Assistant Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ಉಪ ವಿಭಾಗ
Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24
Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		Srinivaspura Church Road Cross Road-1	Sqm	1	5.50	0.50		2.75	
		Srinivaspura Church Road Cross Road-2	Sqm	1	6.00	0.60		3.60	
		Cross Roads-3	Sqm	1	5.30	0.50		2.65	
		Srinivaspura Sai baba Temple Main Road-2	Sqm	1	6.30	0.60		3.78	
		Srinivaspura Sai baba Temple Main Road-3	Sqm	1	5.80	0.60		3.48	
		For Culverts Sides							
		Srinivaspura Church Road Cross Road-1	Sqm	2	5.50	0.23		2.53	
		Srinivaspura Church Road Cross Road-2	Sqm	2	6.00	0.23		2.76	
		Cross Roads-3	Sqm	2	5.30	0.23		2.44	
		Srinivaspura Sai baba Temple Main Road-2	Sqm	2	6.30	0.23		2.90	
		Srinivaspura Sai baba Temple Main Road-3	Sqm	2	5.80	0.23		2.67	
		For Culverts Sides							
		Srinivaspura Church Road Cross Road-1	Sqm	2	1.20	0.23		0.55	
		Srinivaspura Church Road Cross Road-2	Sqm	2	1.80	0.23		0.83	
		Cross Roads-3	Sqm	2	1.20	0.23		0.55	
		Srinivaspura Sai baba Temple Main Road-2	Sqm	2	1.80	0.23		0.83	
		Srinivaspura Sai baba Temple Main Road-3	Sqm	2	1.80	0.23		0.83	
							TOTAL	**978.42**	

4/12/19

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.5		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications, and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		For RCC Drain	Sqm						
		Srinivaspura Chruch Road							
		2nd Cross-1							
		LHS							
0	15		Sqm	4	15.00		0.60	36.00	
15	30		Sqm	4	15.00		0.60	36.00	
30	45		Sqm	4	15.00		0.60	36.00	
45	57		Sqm	4	12.00		0.60	28.80	
		RHS							
0	15		Sqm	4	15.00		0.60	36.00	
15	30		Sqm	4	15.00		0.60	36.00	
30	45		Sqm	4	15.00		0.60	36.00	
45	57		Sqm	4	12.00		0.60	28.80	
		2nd Cross-2							
		LHS							
0	15		Sqm	4	15.00		0.60	36.00	
15	30		Sqm	4	15.00		0.60	36.00	
30	45		Sqm	4	15.00		0.60	36.00	
45	56.5		Sqm	4	11.50		0.65	29.90	
		RHS							
0	15		Sqm	4	15.00		0.65	39.00	
15	30		Sqm	4	15.00		0.65	39.00	
30	45		Sqm	4	15.00		0.65	39.00	
45	56.5		Sqm	4	11.50		0.65	29.90	
		2nd Cross-3							
		LHS							
0	15		Sqm	4	15.00		0.65	39.00	
15	30		Sqm	4	15.00		0.65	39.00	
30	45		Sqm	4	15.00		0.65	39.00	
45	54.1		Sqm	4	9.10		0.65	23.66	
		RHS							
0	15		Sqm	4	15.00		0.65	39.00	
15	30		Sqm	4	15.00		0.65	39.00	
30	45		Sqm	4	15.00		0.65	39.00	
45	54.1		Sqm	4	9.10		0.60	21.84	
		2nd Cross							
0	15		Sqm	4	15.00		0.65	39.00	
15	30		Sqm	4	15.00		0.65	39.00	
30	41.3		Sqm	4	11.30		0.65	29.38	
		For Culverts							

Contractor

Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		RHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	56.5		Cum	1	11.50	0.90	0.15	1.55	
		2nd Cross-3							
		LHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	54.1		Cum	1	9.10	0.90	0.15	1.23	
		RHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	54.1		Cum	1	9.10	0.90	0.15	1.23	
		2nd Cross							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	41.3		Cum	1	11.30	0.90	0.15	1.53	
							TOTAL	350.13	

23/11/19

Assistant Executive Engineer,
R.R. Nagar Sub-division,
KRIDL, BBMP, Bangalore
Contractor

SUDHARAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		Srinivaspura Church Road Cross Ro		1	0.00	2.10	0.15	0.00	
		Cross Roads-3		1	0.00	2.10	0.15	0.00	
		Srinivaspura Sai baba		1	0.00	2.10	0.15	0.00	
		Srinivaspura Sai baba		1	0.00	2.10	0.15	0.00	
		For Culverts							
		Srinivaspura Church Road Cross Road-1	Cum	1	5.50	2.10	0.15	1.73	
		Srinivaspura Church Road Cross Road-2	Cum	1	6.00	2.00	0.15	1.80	
		Cross Roads-3	Cum	1	5.30	2.10	0.15	1.67	
		Srinivaspura Sai baba Temple Main Road-2	Cum	1	6.30	2.00	0.15	1.89	
		Srinivaspura Sai baba Temple Main Road-3	Cum	1	5.80	2.00	0.15	1.74	
		For RCC Drain							
		Srinivaspura Chruch Road 2nd Cross-1							
		LHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	57		Cum	1	12.00	0.90	0.15	1.62	
		RHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	57		Cum	1	12.00	0.90	0.15	1.62	
		2nd Cross-2							
		LHS							
0	15		Cum	1	15.00	0.90	0.15	2.03	
15	30		Cum	1	15.00	0.90	0.15	2.03	
30	45		Cum	1	15.00	0.90	0.15	2.03	
45	56.5		Cum	1	11.50	0.90	0.15	1.55	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RAGHAVENDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.2		Construction of Rolled Cement Concrete mix 1:4:8 OPC cement @180kgs, with 25mm and down size graded granite metal coarse aggregate at 0.85cum and fine aggregates @0.57cum base course with coarse and fine aggregate conforming to IS:383, aggregate cement ratio 12:1 and minimum cement content of 180kg/ cum, aggregate gradation to be as per Table 600-4 after blending, mixing in batching plant at optimum moisture content, transporting to site, laying with a paver with electronic sensor, compacting with 8-10 tonnes smooth wheeled vibratory roller to achieve, the designed flexural strength, finishing and curing complete as per specifications and as per the directions of the Engineer-in-charge of the work							
Measurements Taken On :									
		For Cement Concrete Road							
		Srinivaspura Chruch Road 2nd Cross-1							
0	15		Cum	1	15.00	5.30	0.15	11.93	
15	30		Cum	1	15.00	5.30	0.15	11.93	
30	45		Cum	1	15.00	5.30	0.15	11.93	
45	57		Cum	1	12.00	5.30	0.15	9.54	
		2nd Cross-2							
0	15		Cum	1	15.00	5.55	0.15	12.49	
15	30		Cum	1	15.00	5.55	0.15	12.49	
30	45		Cum	1	15.00	5.55	0.15	12.49	
45	56.5		Cum	1	11.50	5.55	0.15	9.57	
		2nd Cross-3							
0	15		Cum	1	15.00	5.30	0.15	11.93	
15	30		Cum	1	15.00	5.30	0.15	11.93	
30	45		Cum	1	15.00	5.30	0.15	11.93	
45	54.1		Cum	1	9.10	5.30	0.15	7.23	
		2nd Cross							
0	15		Cum	1	15.00	5.10	0.15	11.48	
15	30		Cum	1	15.00	5.25	0.15	11.81	
30	45		Cum	1	15.00	5.30	0.15	11.93	
45	60		Cum	1	15.00	5.35	0.15	12.04	
60	75		Cum	1	15.00	5.50	0.15	12.38	
75	90		Cum	1	15.00	5.45	0.15	12.26	
90	105		Cum	1	15.00	5.35	0.15	12.04	
105	117.7		Cum	1	12.70	5.40	0.15	10.29	
		Cross							
0	15		Cum	1	15.00	5.20	0.15	11.70	
15	30		Cum	1	15.00	5.10	0.15	11.48	
30	45		Cum	1	15.00	5.00	0.15	11.25	
45	60		Cum	1	15.00	5.10	0.15	11.48	
60	75		Cum	1	15.00	5.15	0.15	11.59	
75	79.5		Cum	1	4.50	5.05	0.15	3.41	
		For Culverts							

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		LHS							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	12.15	
45	57		Cum	1	12.00	0.90	0.90	9.72	
		RHS							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	12.15	
45	57		Cum	1	12.00	0.90	0.90	9.72	
		2nd Cross-2							
		LHS							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	12.15	
45	56.5		Cum	1	11.50	0.90	0.90	9.32	
		RHS							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	12.15	
45	56.5		Cum	1	11.50	0.90	0.90	9.32	
		2nd Cross-3							
		LHS							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	12.15	
45	54.1		Cum	1	9.10	0.90	0.90	7.37	
		RHS							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	12.15	
45	54.1		Cum	1	9.10	0.90	0.90	7.37	
		2nd Cross							
0	15		Cum	1	15.00	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	12.15	
30	41.3		Cum	1	11.30	0.90	0.90	9.15	
							TOTAL	1385.20	

16/11/19

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

GOPALAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
		Srinivaspura Temple Road Main Road-1							
0	15		Cum	1	15.00	6.25	0.20	18.75	
15	30		Cum	1	15.00	6.10	0.20	18.30	
30	45		Cum	1	15.00	6.30	0.20	18.90	
45	60		Cum	1	15.00	6.35	0.20	19.05	
60	75		Cum	1	15.00	6.40	0.20	19.20	
75	90		Cum	1	15.00	6.50	0.20	19.50	
90	105		Cum	1	15.00	6.20	0.20	18.60	
105	120		Cum	1	15.00	6.35	0.20	19.05	
120	135		Cum	1	15.00	6.45	0.20	19.35	
135	150		Cum	1	15.00	6.10	0.20	18.30	
150	165		Cum	1	15.00	6.30	0.20	18.90	
165	180		Cum	1	15.00	6.40	0.20	19.20	
180	195		Cum	1	15.00	6.35	0.20	19.05	
195	210		Cum	1	15.00	6.45	0.20	19.35	
210	225		Cum	1	15.00	6.10	0.20	18.30	
225	240		Cum	1	15.00	6.30	0.20	18.90	
240	255		Cum	1	15.00	6.40	0.20	19.20	
255	264.9		Cum	1	9.90	6.20	0.20	12.28	
		Road-1							
0	15		Cum	1	15.00	4.90	0.20	14.70	
15	30		Cum	1	15.00	4.75	0.20	14.25	
30	45		Cum	1	15.00	4.80	0.20	14.40	
45	54.1		Cum	1	9.10	4.65	0.20	8.46	
		Road-2							
0	15		Cum	1	15.00	4.15	0.20	12.45	
15	30		Cum	1	15.00	4.20	0.20	12.60	
30	45		Cum	1	15.00	4.15	0.20	12.45	
45	59.5		Cum	1	14.50	4.00	0.20	11.60	
		Road-3							
0	15		Cum	1	15.00	3.30	0.20	9.90	
15	30		Cum	1	15.00	3.35	0.20	10.05	
30	45		Cum	1	15.00	3.00	0.20	9.00	
45	54.5		Cum	1	9.50	3.25	0.20	6.18	
		For Culverts							
		Srinivaspura Church Road Cross Road-1	Cum	1	5.50	2.10	0.90	10.40	
		Srinivaspura Church Road Cross Road-2	Cum	1	6.00	2.00	0.90	10.80	
		Cross Roads-3	Cum	1	5.30	2.10	0.90	10.02	
		Srinivaspura Sai baba	Cum	1	6.30	2.00	0.90	11.34	
		Srinivaspura Sai baba	Cum	1	5.80	2.00	0.90	10.44	
		For RCC Drain							
		Srinivaspura Chruch Road 2nd Cross-1							

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
		Road Cutting Protion							
		Srinivaspaura Temple Road Main							
		Road-1							
0	15		Cum	1	15.00	1.10	0.30	4.95	
15	30		Cum	1	15.00	1.10	0.30	4.95	
30	45		Cum	1	15.00	1.10	0.30	4.95	
45	54.1		Cum	1	9.10	1.10	0.30	3.00	
		Road-2							
0	15		Cum	1	15.00	1.10	0.30	4.95	
15	30		Cum	1	15.00	1.10	0.30	4.95	
30	45		Cum	1	15.00	1.10	0.30	4.95	
45	59.5		Cum	1	14.50	1.10	0.30	4.79	
		Road-3							
0	15		Cum	1	15.00	1.10	0.30	4.95	
15	30		Cum	1	15.00	1.10	0.30	4.95	
30	45		Cum	1	15.00	1.10	0.30	4.95	
45	54.5		Cum	1	9.50	1.10	0.30	3.14	
		Srinivaspaura Temple Road Main							
0	15		Cum	1	15.00	1.10	0.30	4.95	
15	30		Cum	1	15.00	1.10	0.30	4.95	
30	45		Cum	1	15.00	1.10	0.30	4.95	
45	60		Cum	1	15.00	1.10	0.30	4.95	
60	75		Cum	1	15.00	1.10	0.30	4.95	
75	90		Cum	1	15.00	1.10	0.30	4.95	
90	105		Cum	1	15.00	1.10	0.30	4.95	
105	120		Cum	1	15.00	1.10	0.30	4.95	
120	135		Cum	1	15.00	1.10	0.30	4.95	
135	150		Cum	1	15.00	1.10	0.30	4.95	
150	165		Cum	1	15.00	1.10	0.30	4.95	
165	170.2		Cum	1	5.20	1.10	0.30	1.72	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drain at Srinivaspura Village in ward No. 05

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.1		Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.3m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer in charge of the work							
Measurements Taken On :									
		For Cement Concrete Road							
		Srinivaspura Church Road 2nd Cross-1							
0	15		Cum	1	15.00	5.40	0.23	18.29	
15	30		Cum	1	15.00	5.40	0.23	18.29	
30	45		Cum	1	15.00	5.40	0.23	18.29	
45	57		Cum	1	12.00	5.40	0.23	14.63	
		2nd Cross-2							
0	15		Cum	1	15.00	5.55	0.23	19.15	
15	30		Cum	1	15.00	5.55	0.23	19.15	
30	45		Cum	1	15.00	5.55	0.23	19.15	
45	56.5		Cum	1	11.50	5.55	0.23	14.68	
		2nd Cross-3							
0	15		Cum	1	15.00	5.30	0.23	18.29	
15	30		Cum	1	15.00	5.30	0.23	18.29	
30	45		Cum	1	15.00	5.30	0.23	18.29	
45	54.1		Cum	1	9.10	5.30	0.23	11.09	
		2nd Cross							
0	15		Cum	1	15.00	5.10	0.23	17.60	
15	30		Cum	1	15.00	5.25	0.23	18.11	
30	45		Cum	1	15.00	5.30	0.23	18.29	
45	60		Cum	1	15.00	5.35	0.23	18.46	
60	75		Cum	1	15.00	5.50	0.23	18.98	
75	90		Cum	1	15.00	5.45	0.23	18.80	
90	105		Cum	1	15.00	5.35	0.23	18.46	
105	117.7		Cum	1	12.70	5.40	0.23	15.77	
		Cross							
0	15		Cum	1	15.00	5.20	0.23	17.94	
15	30		Cum	1	15.00	5.10	0.23	17.60	
30	45		Cum	1	15.00	5.00	0.23	17.25	
45	60		Cum	1	15.00	5.10	0.23	17.60	
60	75		Cum	1	15.00	5.15	0.23	17.77	
75	79.5		Cum	1	4.50	5.05	0.23	5.23	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer